

0509/0260  
**RAW SEQUENCE LISTING**  
PATENT APPLICATION US/08/854,825**TEAM 8**DATE: 07/15/97  
TIME: 14:12:43

INPUT SET: S18984.raw

**This Raw Listing contains the General  
Information Section and up to the first 5 pages.**

## SEQUENCE LISTING

**ENTERED**

1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANT: Chisari, Francis V.  
6 Cerny, Andreas  
7  
8 (ii) TITLE OF INVENTION: PEPTIDES FOR INDUCING CYTOTOXIC T  
9 LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS  
10  
11 (iii) NUMBER OF SEQUENCES: 55  
12  
13 (iv) CORRESPONDENCE ADDRESS:  
14 (A) ADDRESSEE: Leydig, Voit & Mayer  
15 (B) STREET: Two Prudential Plaza, Suite 4900  
16 (C) CITY: Chicago  
17 (D) STATE: IL  
18 (E) COUNTRY: USA  
19 (F) ZIP: 60601  
20  
21 (v) COMPUTER READABLE FORM:  
22 (A) MEDIUM TYPE: Floppy disk  
23 (B) COMPUTER: IBM PC compatible  
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25  
26  
27 (vi) CURRENT APPLICATION DATA:  
28 (A) APPLICATION NUMBER: US  
29 (B) FILING DATE:  
30 (C) CLASSIFICATION:  
31  
32 (viii) ATTORNEY/AGENT INFORMATION:  
33 (A) NAME: Silvert, Donald J.  
34 (B) REGISTRATION NUMBER: 37552  
35 (C) REFERENCE/DOCKET NUMBER: 61230  
36  
37 (ix) TELECOMMUNICATION INFORMATION:  
38 (A) TELEPHONE: (312) 616-5600  
39 (B) TELEFAX: (312) 616-5700  
40 (C) TELEX: 25-3533  
41  
42  
43 (2) INFORMATION FOR SEQ ID NO:1:  
44  
45 (i) SEQUENCE CHARACTERISTICS:  
46 (A) LENGTH: 10 amino acids

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47 (B) TYPE: amino acid  
48 (C) STRANDEDNESS: single  
49 (D) TOPOLOGY: unknown  
50  
51 (ii) MOLECULE TYPE: peptide  
52  
53  
54  
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
56  
57 Ala Asp Leu Met Gly Tyr Ile Pro Leu Val  
58 1 5 10  
59  
60 (2) INFORMATION FOR SEQ ID NO:2:  
61  
62 (i) SEQUENCE CHARACTERISTICS:  
63 (A) LENGTH: 10 amino acids  
64 (B) TYPE: amino acid  
65 (C) STRANDEDNESS: single  
66 (D) TOPOLOGY: unknown  
67  
68 (ii) MOLECULE TYPE: peptide  
69  
70  
71  
72 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
73  
74 Leu Leu Ala Leu Leu Ser Cys Leu Thr Val  
75 1 5 10  
76  
77 (2) INFORMATION FOR SEQ ID NO:3:  
78  
79 (i) SEQUENCE CHARACTERISTICS:  
80 (A) LENGTH: 10 amino acids  
81 (B) TYPE: amino acid  
82 (C) STRANDEDNESS: single  
83 (D) TOPOLOGY: unknown  
84  
85 (ii) MOLECULE TYPE: peptide  
86  
87  
88  
89 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
90  
91 Gln Leu Arg Arg His Ile Asp Leu Leu Val  
92 1 5 10  
93  
94 (2) INFORMATION FOR SEQ ID NO:4:  
95  
96 (i) SEQUENCE CHARACTERISTICS:  
97 (A) LENGTH: 9 amino acids  
98 (B) TYPE: amino acid  
99 (C) STRANDEDNESS: single

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100 (D) TOPOLOGY: unknown  
101  
102 (ii) MOLECULE TYPE: peptide  
103  
104  
105  
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
107  
108 Asp Leu Cys Gly Ser Val Phe Leu Val  
109 1 5  
110  
111 (2) INFORMATION FOR SEQ ID NO:5:  
112  
113 (i) SEQUENCE CHARACTERISTICS:  
114 (A) LENGTH: 10 amino acids  
115 (B) TYPE: amino acid  
116 (C) STRANDEDNESS: single  
117 (D) TOPOLOGY: unknown  
118  
119 (ii) MOLECULE TYPE: peptide  
120  
121  
122  
123 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
124  
125 Leu Leu Ala Pro Gly Ala Lys Gln Asn Val  
126 1 5 10  
127  
128 (2) INFORMATION FOR SEQ ID NO:6:  
129  
130 (i) SEQUENCE CHARACTERISTICS:  
131 (A) LENGTH: 10 amino acids  
132 (B) TYPE: amino acid  
133 (C) STRANDEDNESS: single  
134 (D) TOPOLOGY: unknown  
135  
136 (ii) MOLECULE TYPE: peptide  
137  
138  
139  
140 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
141  
142 Leu Leu Leu Thr Thr Thr Gln Trp Gln Val  
143 1 5 10  
144  
145 (2) INFORMATION FOR SEQ ID NO:7:  
146  
147 (i) SEQUENCE CHARACTERISTICS:  
148 (A) LENGTH: 9 amino acids  
149 (B) TYPE: amino acid  
150 (C) STRANDEDNESS: single  
151 (D) TOPOLOGY: unknown  
152

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153 (ii) MOLECULE TYPE: peptide  
154  
155  
156  
157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
158  
159 Leu Leu Thr Thr Thr Gln Trp Gln Val  
160 1 5  
161

## 162 (2) INFORMATION FOR SEQ ID NO:8:

163  
164 (i) SEQUENCE CHARACTERISTICS:  
165 (A) LENGTH: 10 amino acids  
166 (B) TYPE: amino acid  
167 (C) STRANDEDNESS: single  
168 (D) TOPOLOGY: unknown  
169

170 (ii) MOLECULE TYPE: peptide  
171  
172  
173

## 174 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

175  
176 Gly Leu Ile His Leu His Gln Asn Ile Val  
177 1 5 10  
178

## 179 (2) INFORMATION FOR SEQ ID NO:9:

180  
181 (i) SEQUENCE CHARACTERISTICS:  
182 (A) LENGTH: 9 amino acids  
183 (B) TYPE: amino acid  
184 (C) STRANDEDNESS: single  
185 (D) TOPOLOGY: unknown  
186

187 (ii) MOLECULE TYPE: peptide  
188  
189  
190

## 191 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

192  
193 His Leu His Gln Asn Ile Val Asp Val  
194 1 5  
195

## 196 (2) INFORMATION FOR SEQ ID NO:10:

197  
198 (i) SEQUENCE CHARACTERISTICS:  
199 (A) LENGTH: 9 amino acids  
200 (B) TYPE: amino acid  
201 (C) STRANDEDNESS: single  
202 (D) TOPOLOGY: unknown  
203

204 (ii) MOLECULE TYPE: peptide  
205

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206  
207  
208 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
209  
210 Phe Leu Leu Leu Ala Asp Ala Arg Tyr  
211 1 5  
212  
213 (2) INFORMATION FOR SEQ ID NO:11:  
214  
215 (i) SEQUENCE CHARACTERISTICS:  
216 (A) LENGTH: 9 amino acids  
217 (B) TYPE: amino acid  
218 (C) STRANDEDNESS: single  
219 (D) TOPOLOGY: unknown  
220  
221 (ii) MOLECULE TYPE: peptide  
222  
223  
224  
225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:  
226  
227 Ser Leu Ala Gly Thr His Gly Leu Val  
228 1 5  
229  
230 (2) INFORMATION FOR SEQ ID NO:12:  
231  
232 (i) SEQUENCE CHARACTERISTICS:  
233 (A) LENGTH: 9 amino acids  
234 (B) TYPE: amino acid  
235 (C) STRANDEDNESS: single  
236 (D) TOPOLOGY: unknown  
237  
238 (ii) MOLECULE TYPE: peptide  
239  
240  
241  
242 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:  
243  
244 Trp Leu Gln Tyr Phe Leu Thr Arg Val  
245 1 5  
246  
247 (2) INFORMATION FOR SEQ ID NO:13:  
248  
249 (i) SEQUENCE CHARACTERISTICS:  
250 (A) LENGTH: 8 amino acids  
251 (B) TYPE: amino acid  
252 (C) STRANDEDNESS: single  
253 (D) TOPOLOGY: unknown  
254 4  
255 (ii) MOLECULE TYPE: peptide  
256 •  
257  
258

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/854,825**

DATE: 07/15/97  
TIME: 14:13:01

*INPUT SET: S18984.raw*

| Line | Error                           | Original Text              |
|------|---------------------------------|----------------------------|
| 28   | Wrong application Serial Number | (A) APPLICATION NUMBER: US |